

FIG. 1A

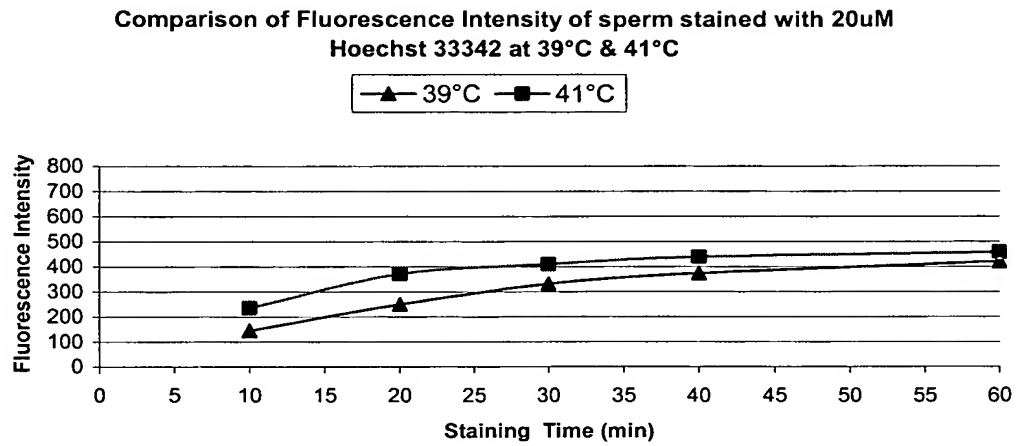
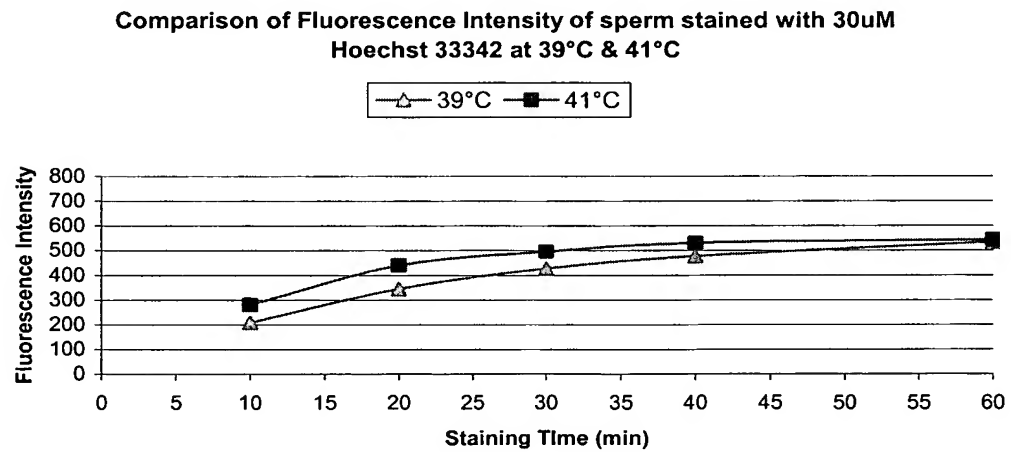
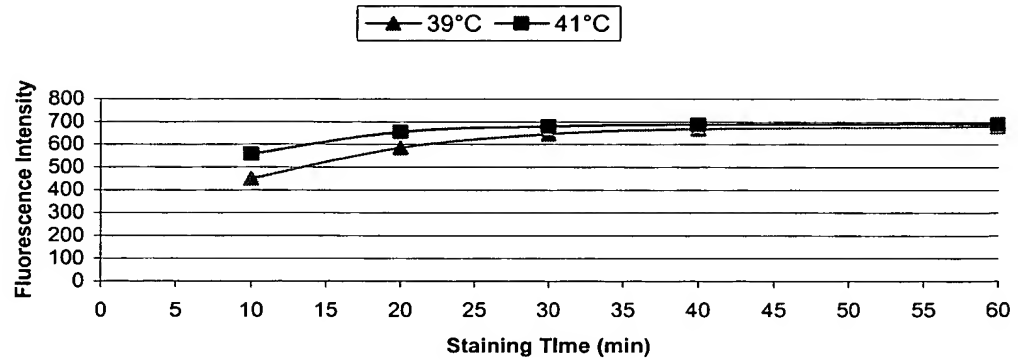


FIG. 1B



## FIG. 1C

Comparison of Fluorescence Intensity of sperm stained with 57uM Hoechst 33342 at 39°C & 41°C



## FIG. 1D

Comparison of Fluorescence Intensity of sperm stained with 85uM Hoechst 33342 at 39°C & 41°C

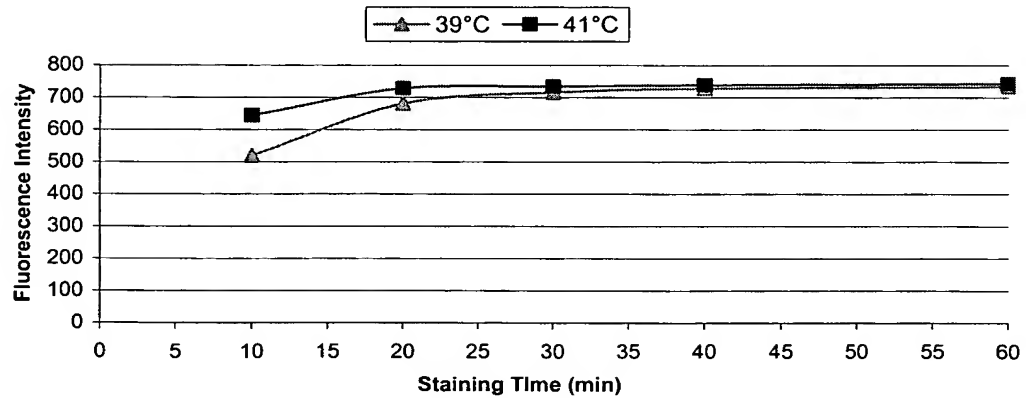


FIG. 2A

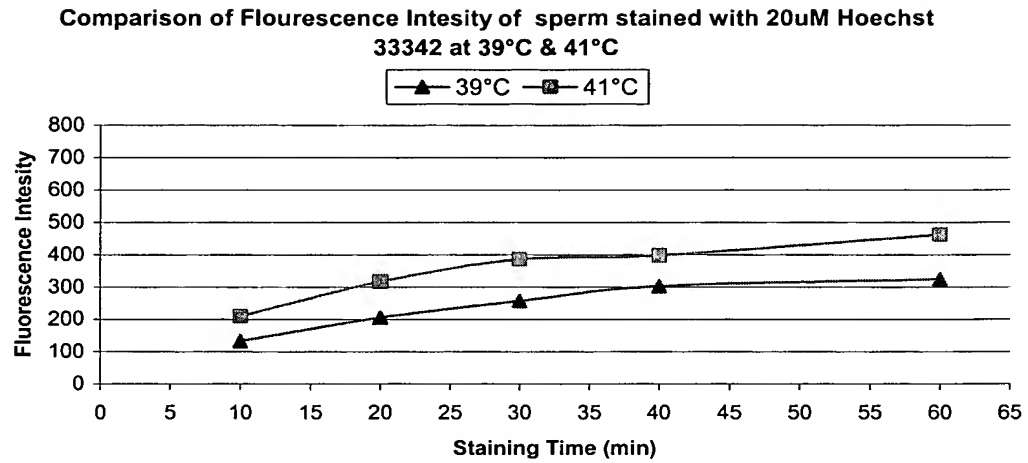


FIG. 2B

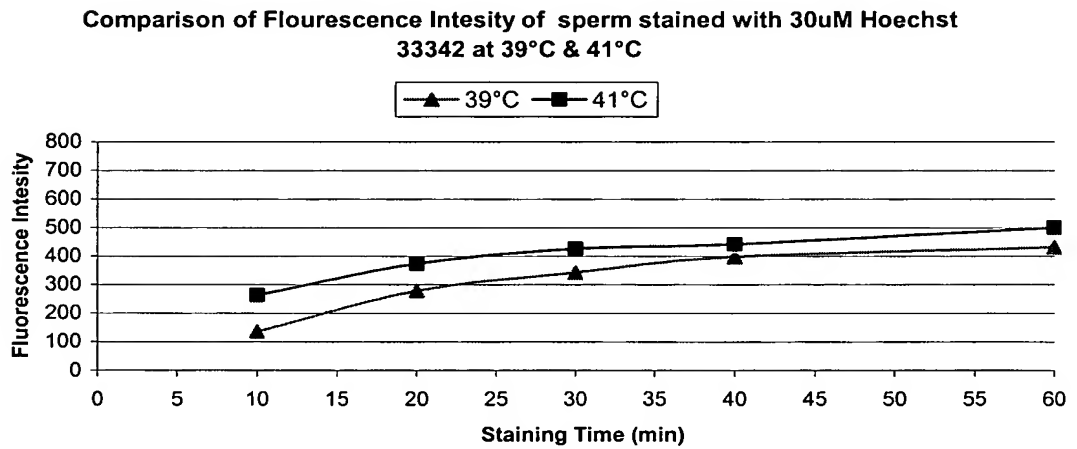


FIG. 2C

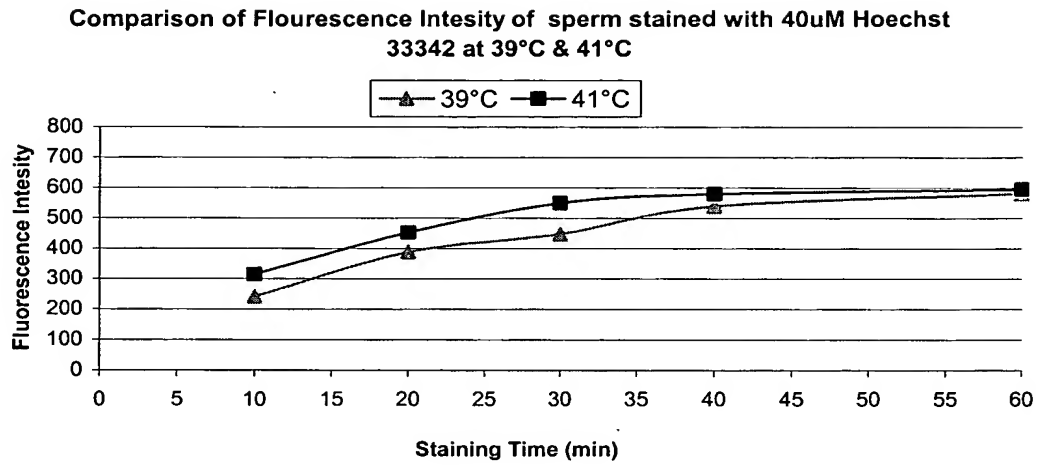
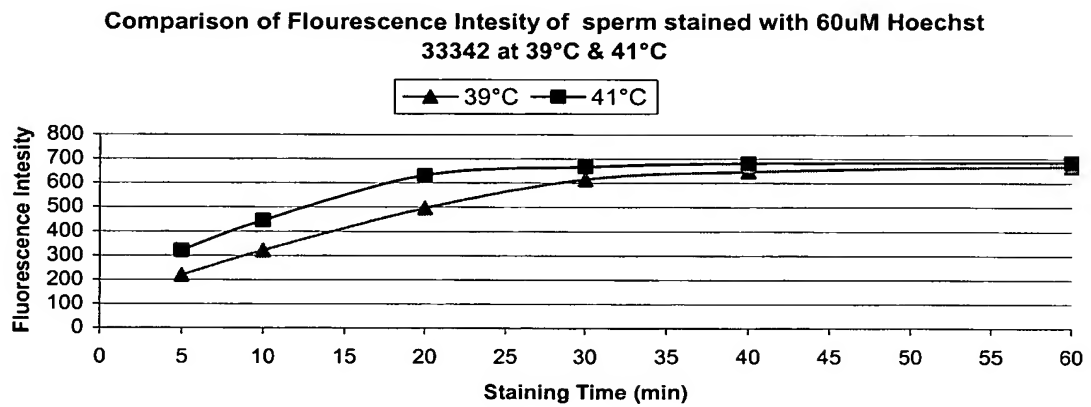
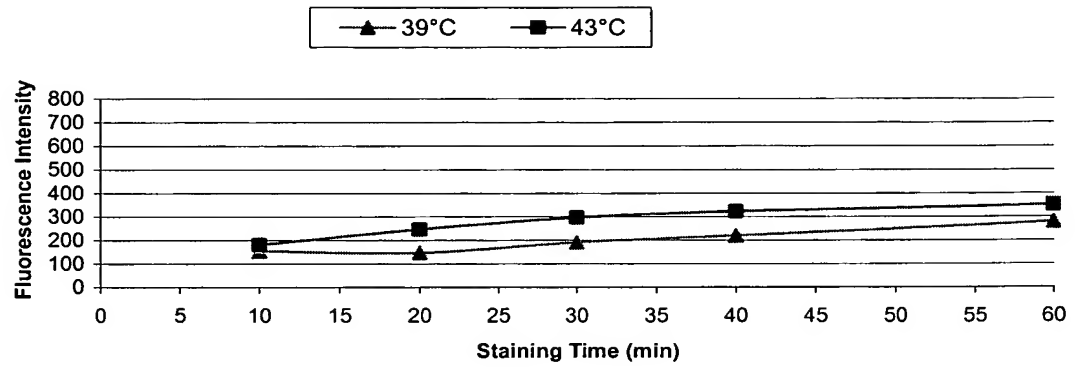


FIG. 2D



## FIG. 3A

Comparison of Fluorescence Intensity of sperm stained with 20uM Hoechst 33342 at 39°C & 43°C



## FIG. 3B

Comparison of Fluorescence Intensity of sperm stained with 30uM Hoechst 33342 at 39°C & 43°C

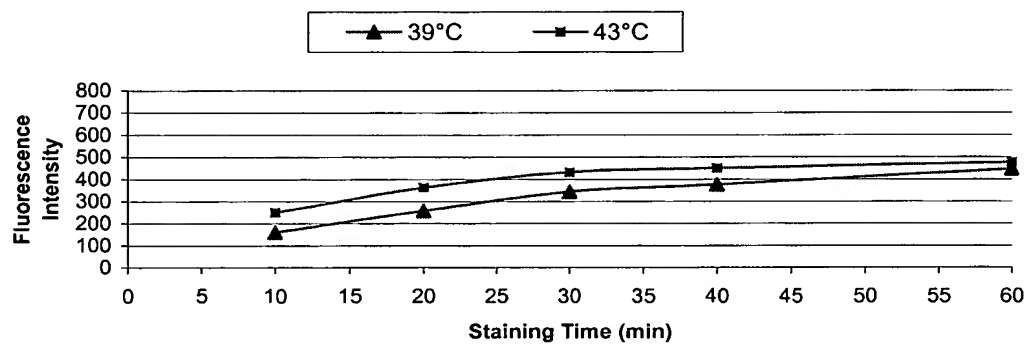


FIG. 3C

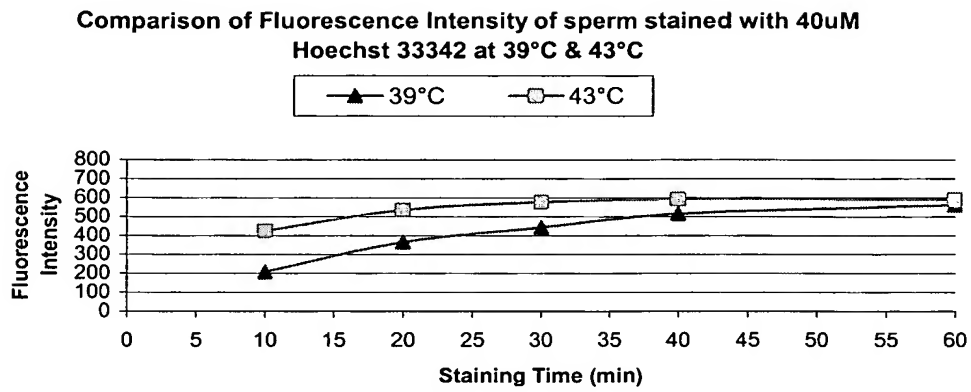


FIG. 3D

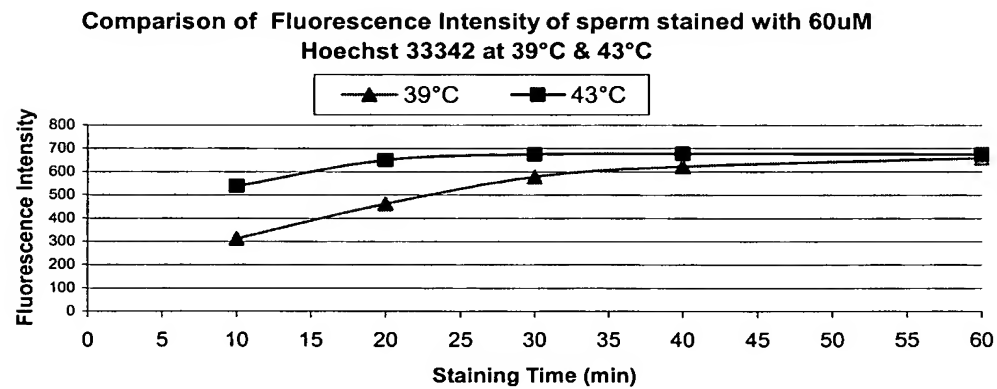


FIG. 4A

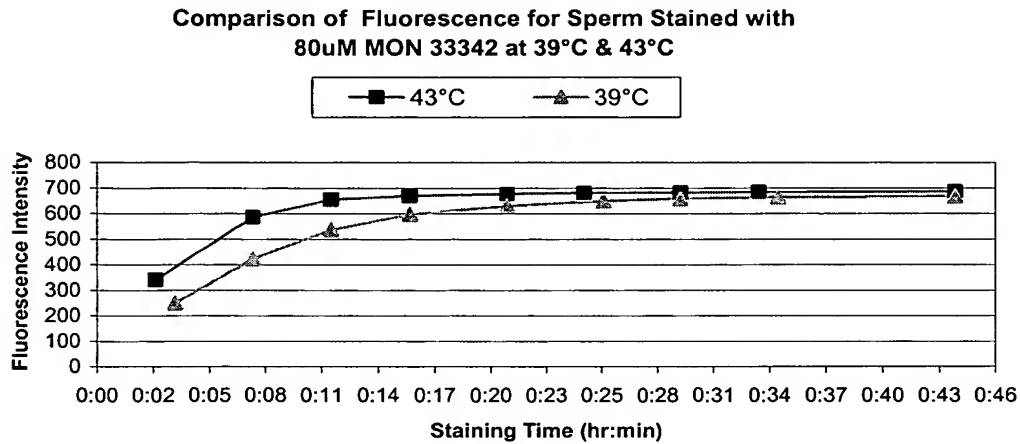


FIG. 4B

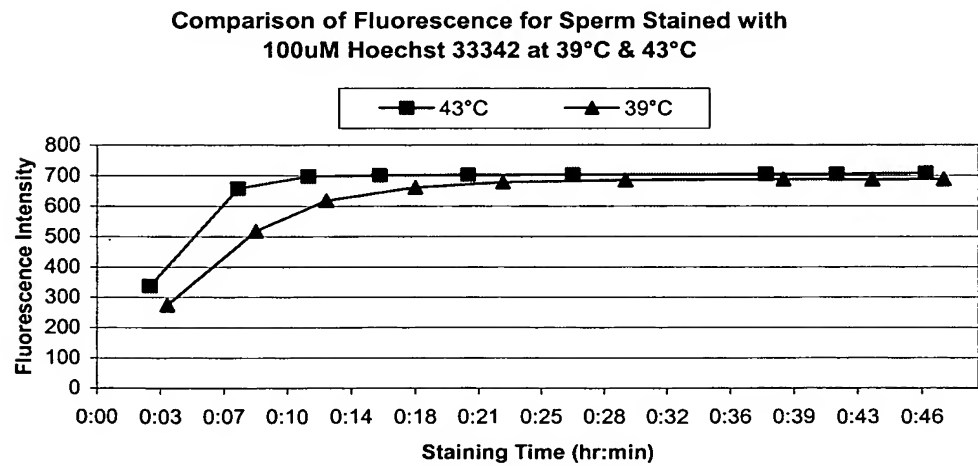


FIG. 5A

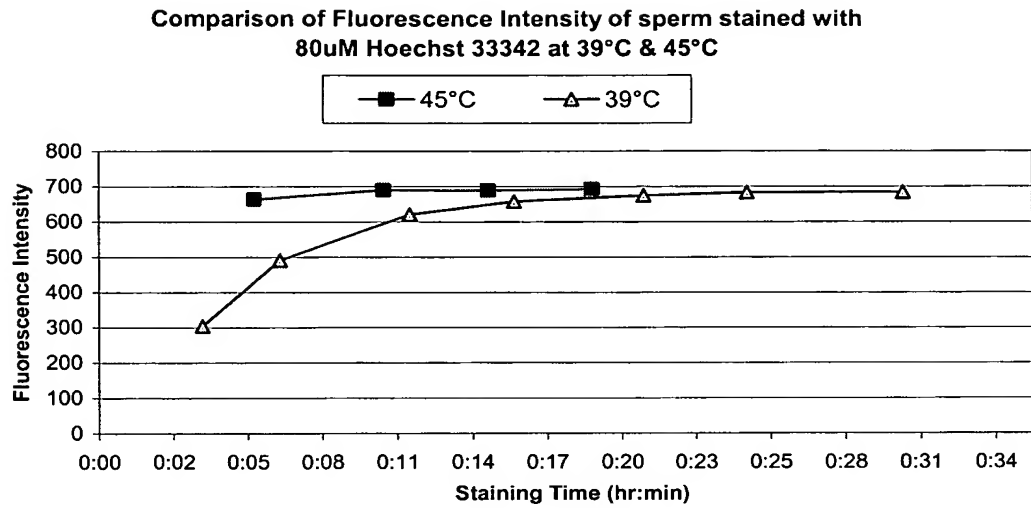


FIG. 5B

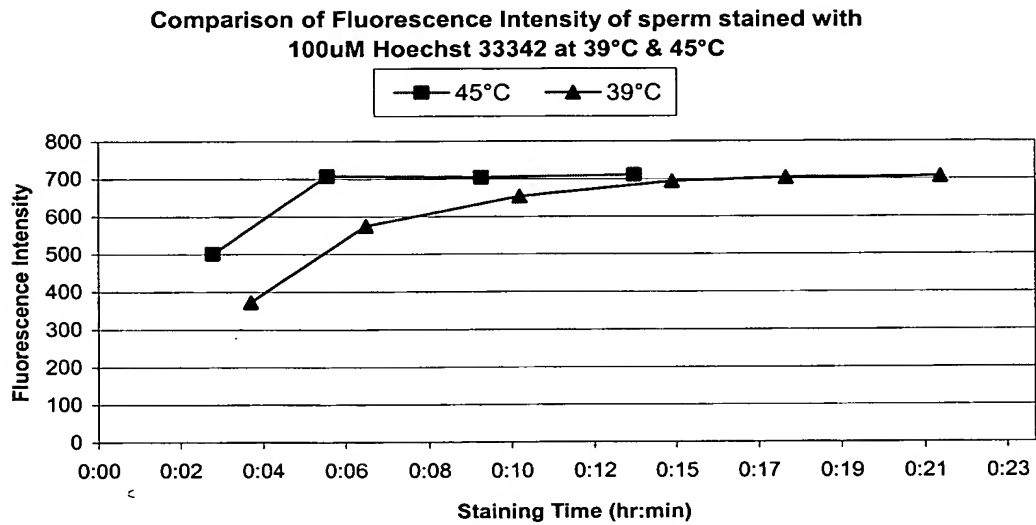




FIG. 6A

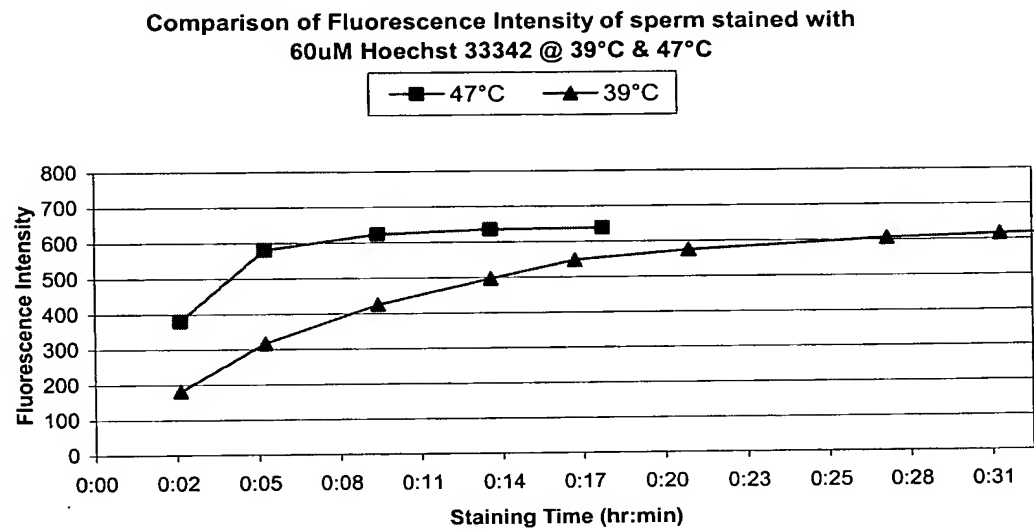


FIG. 6B

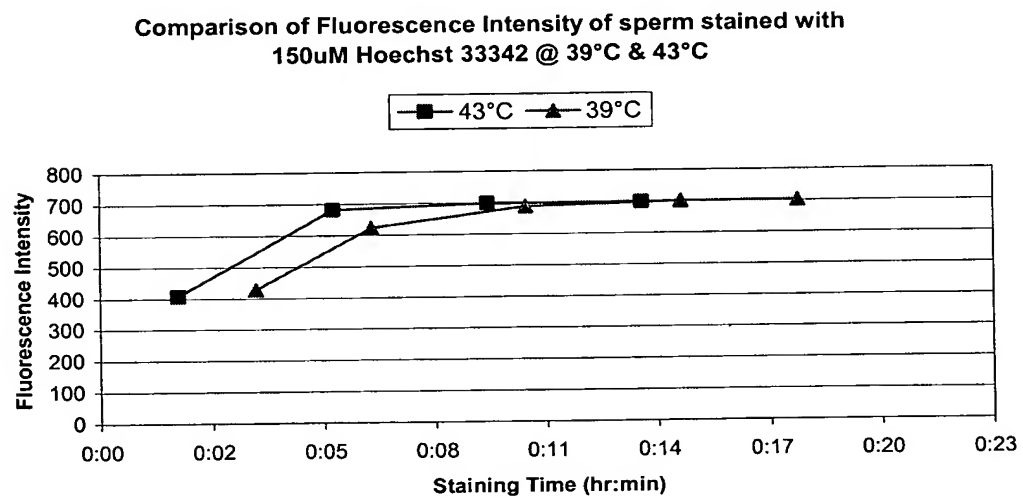


FIG. 7A

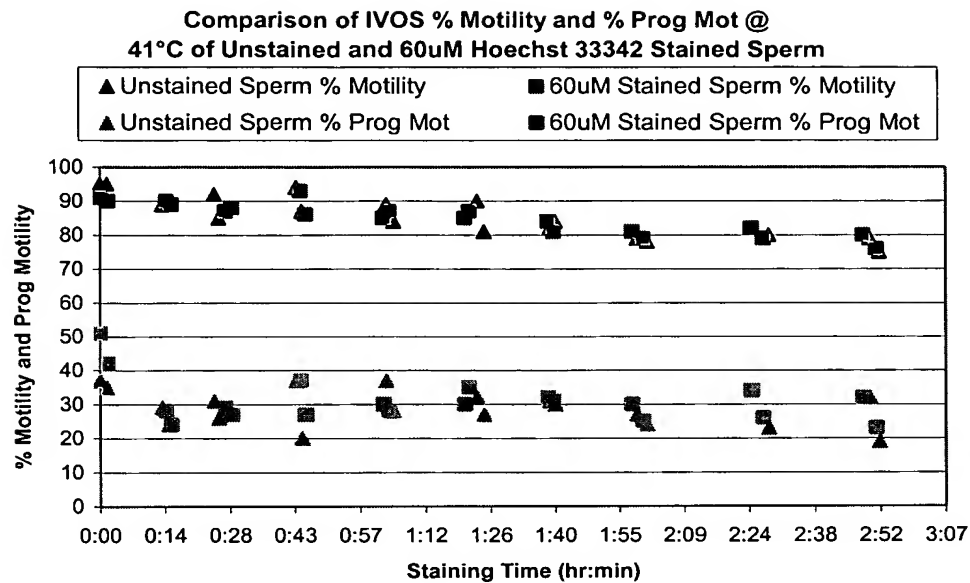


FIG. 7B

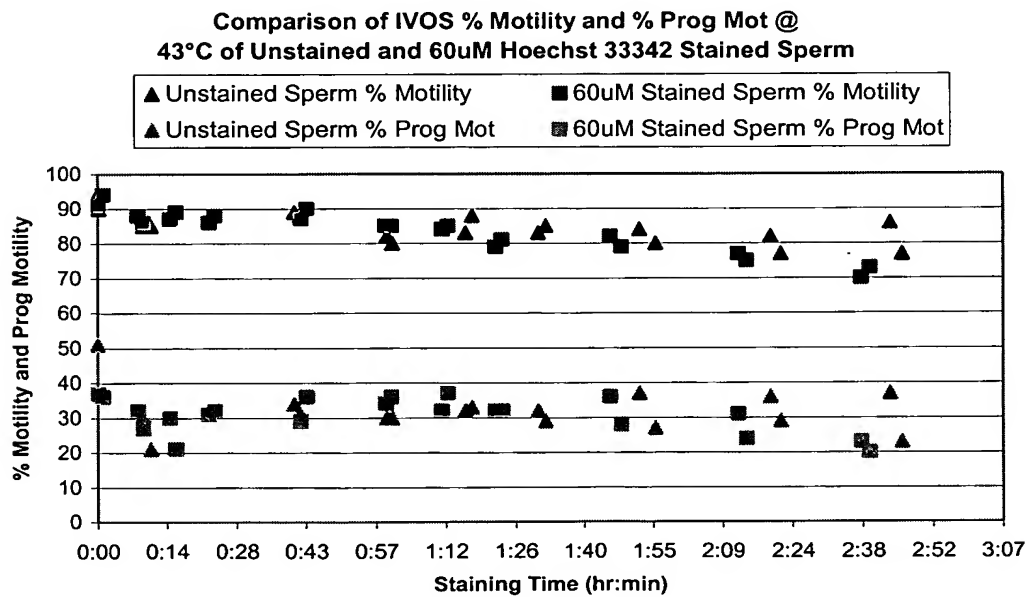


FIG. 8A

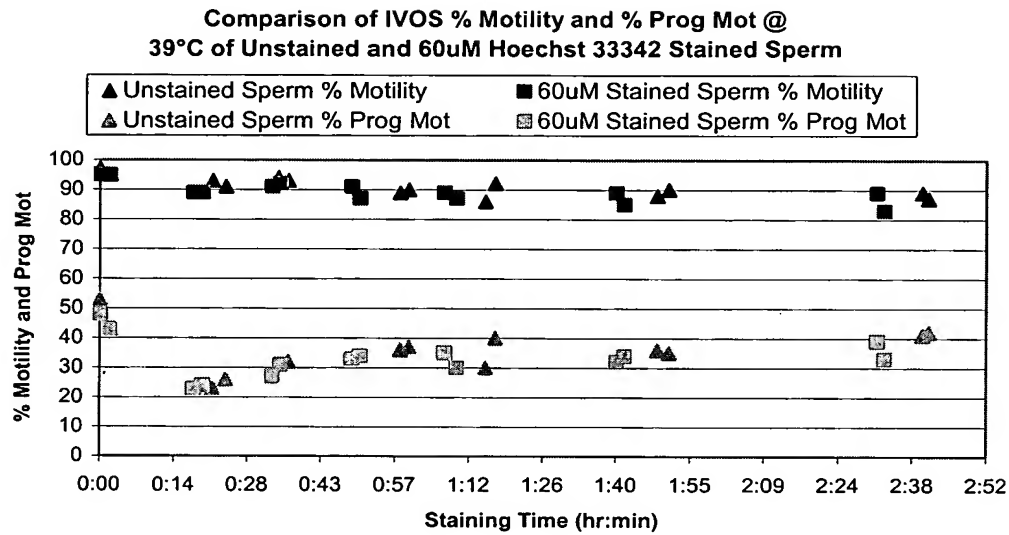


FIG. 8B

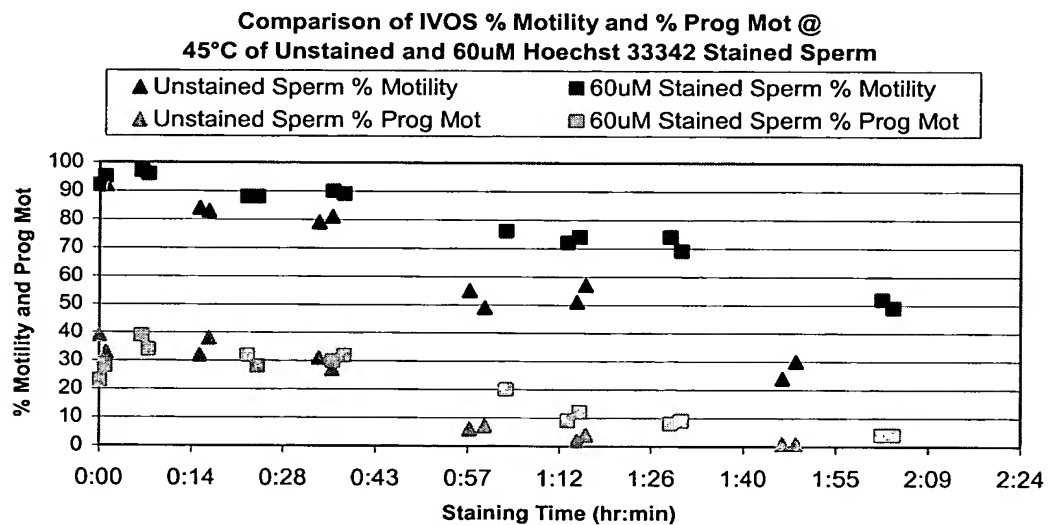


FIG. 9A

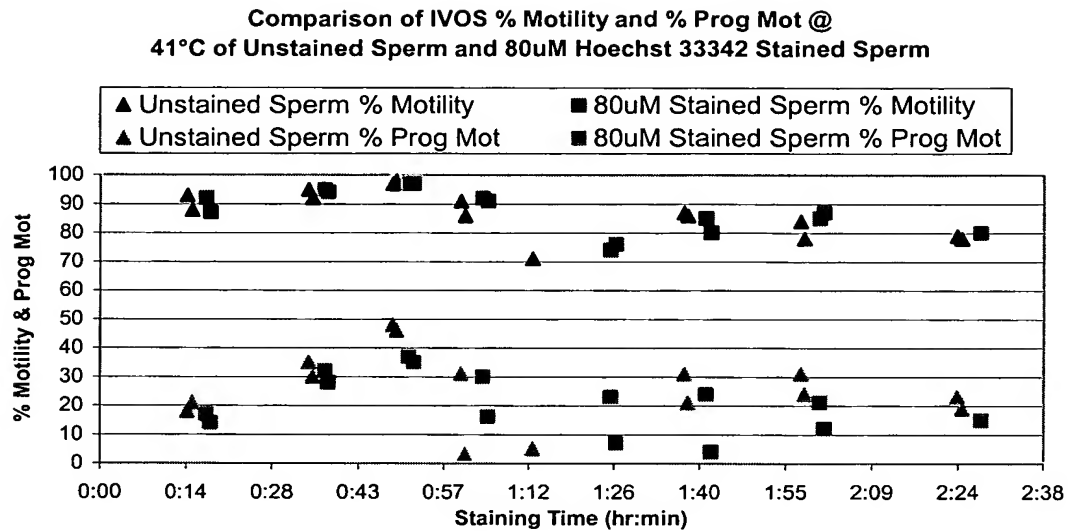


FIG. 9B

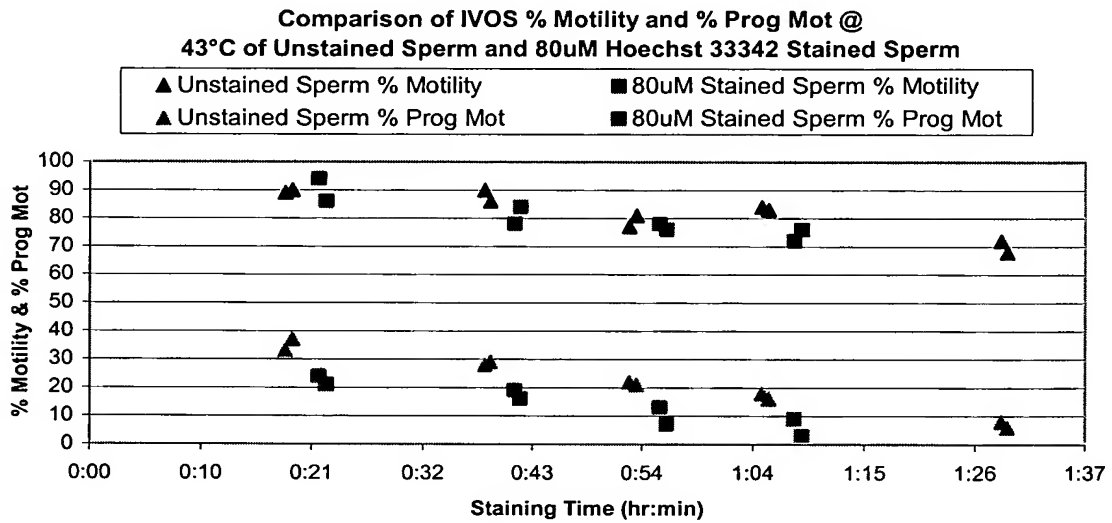


FIG. 9C

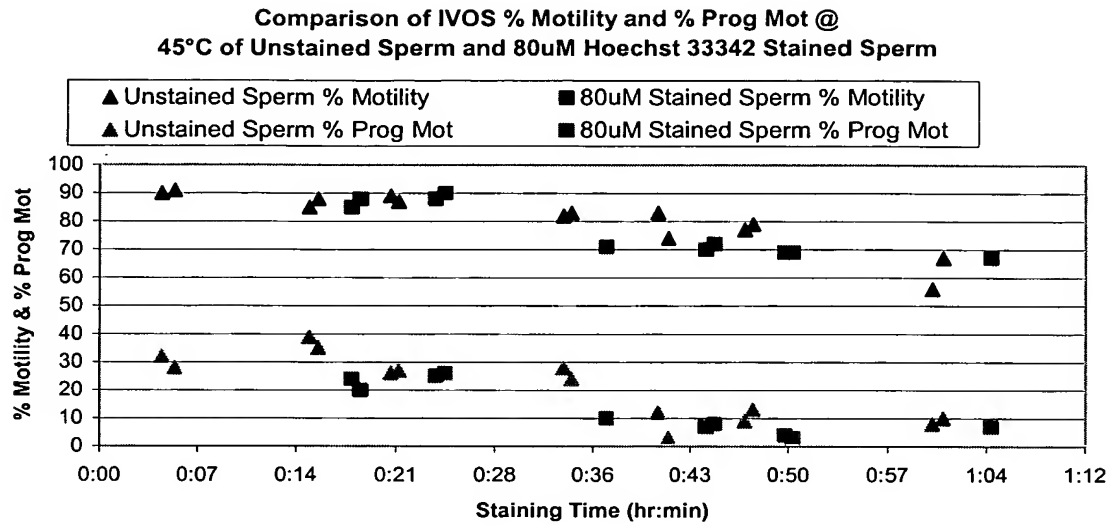


FIG. 10A

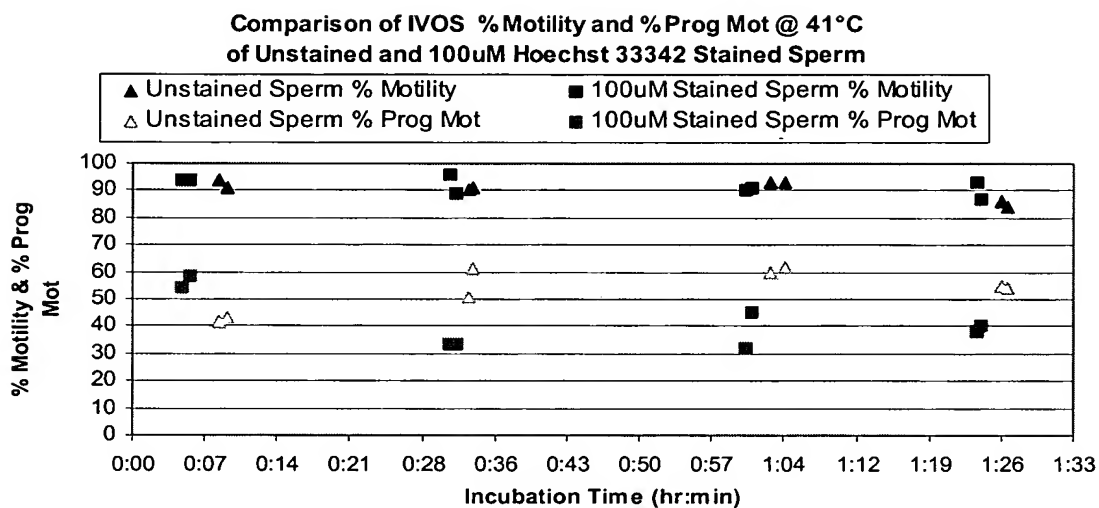


FIG. 10B

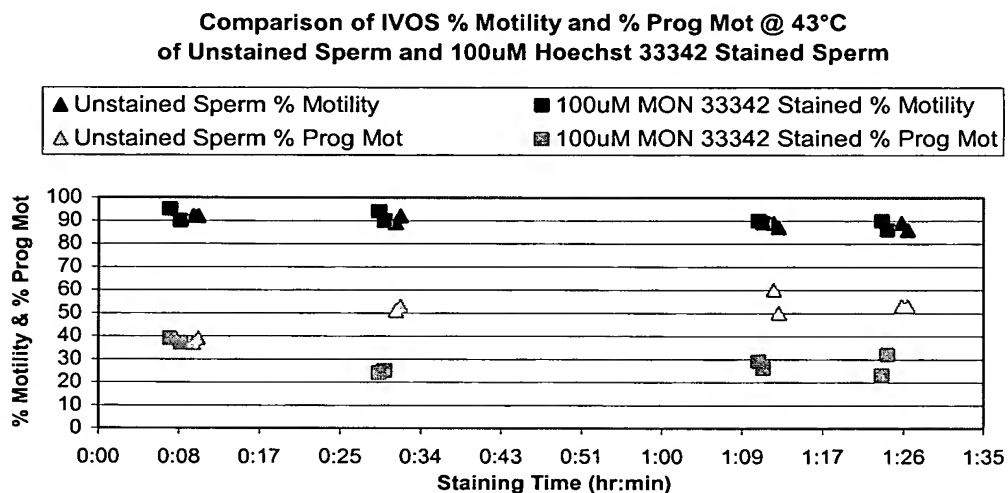


FIG. 10C

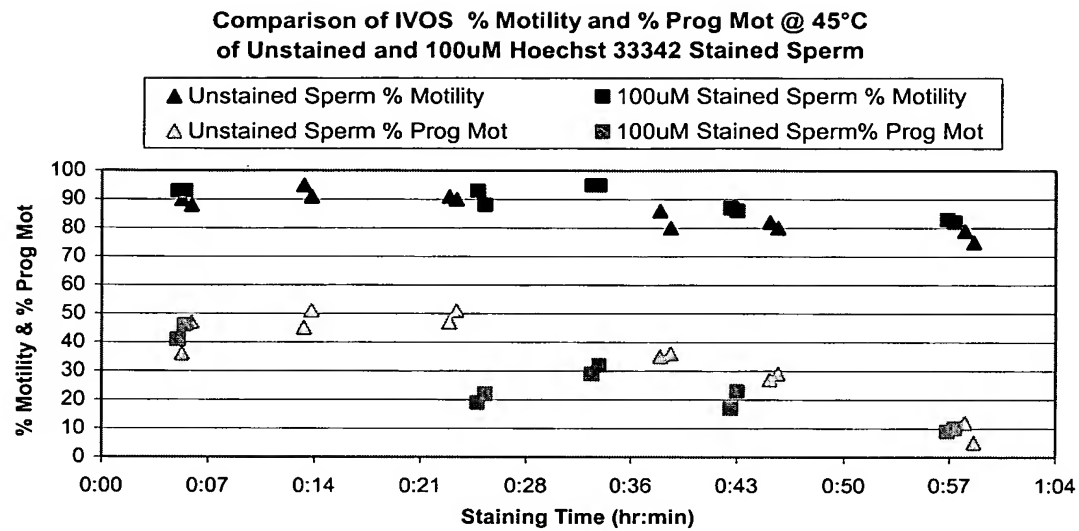


FIG. 11

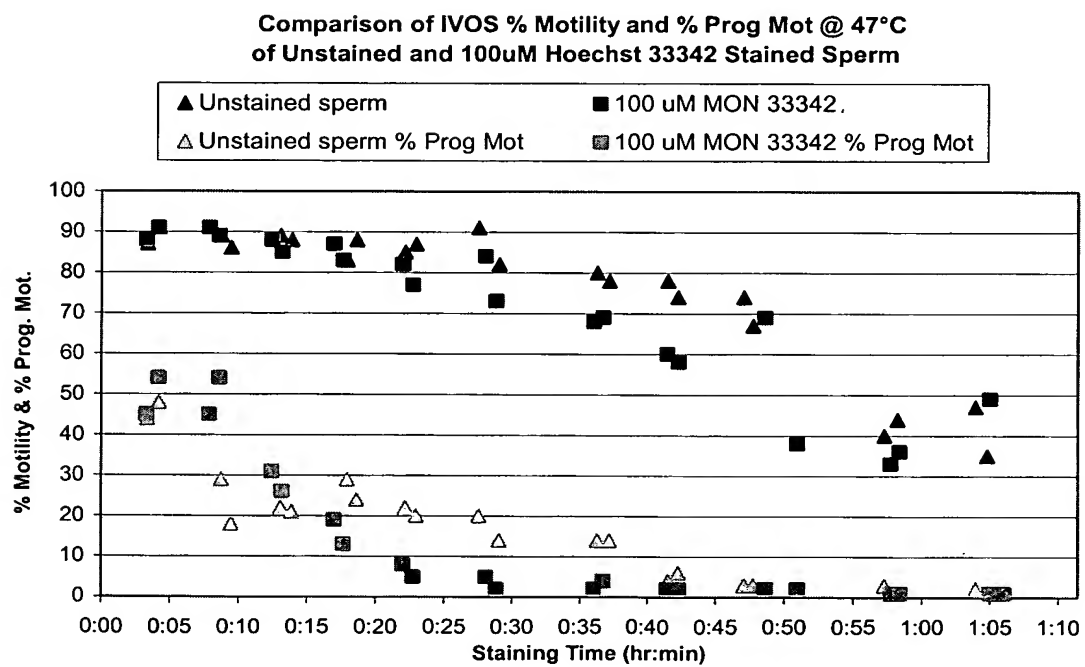


FIG. 12

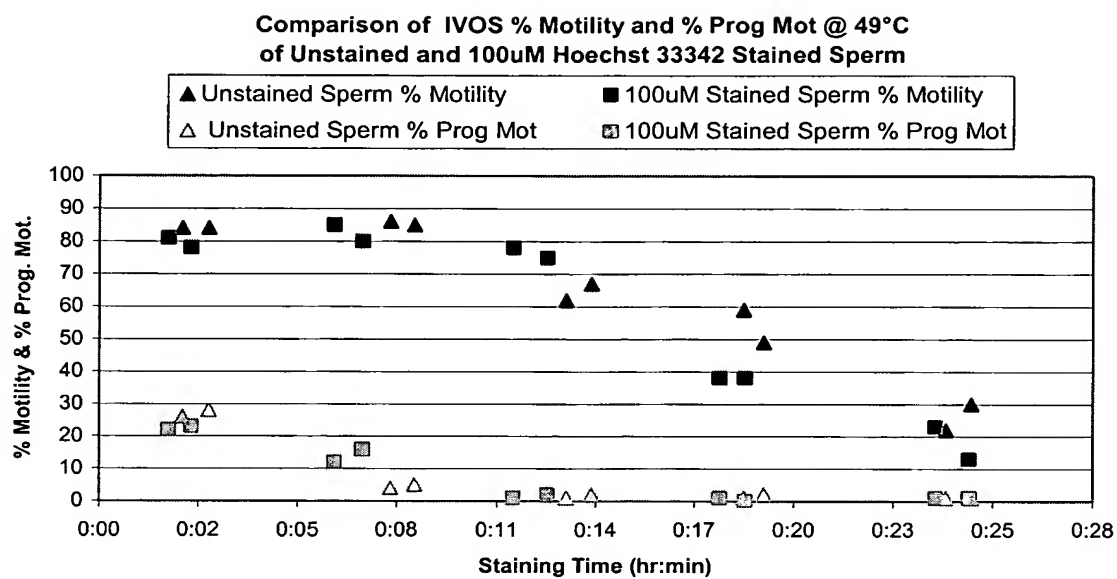




FIG. 13A

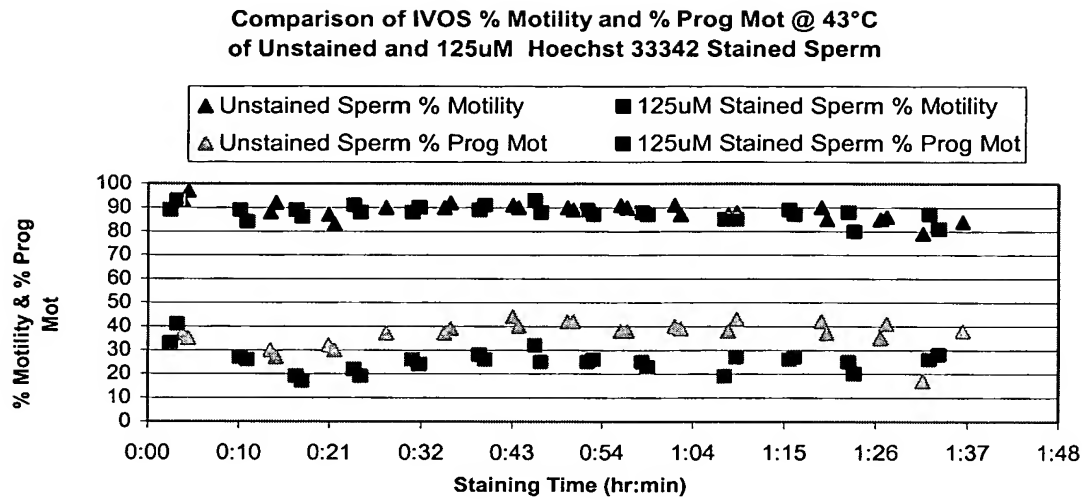


FIG. 13B

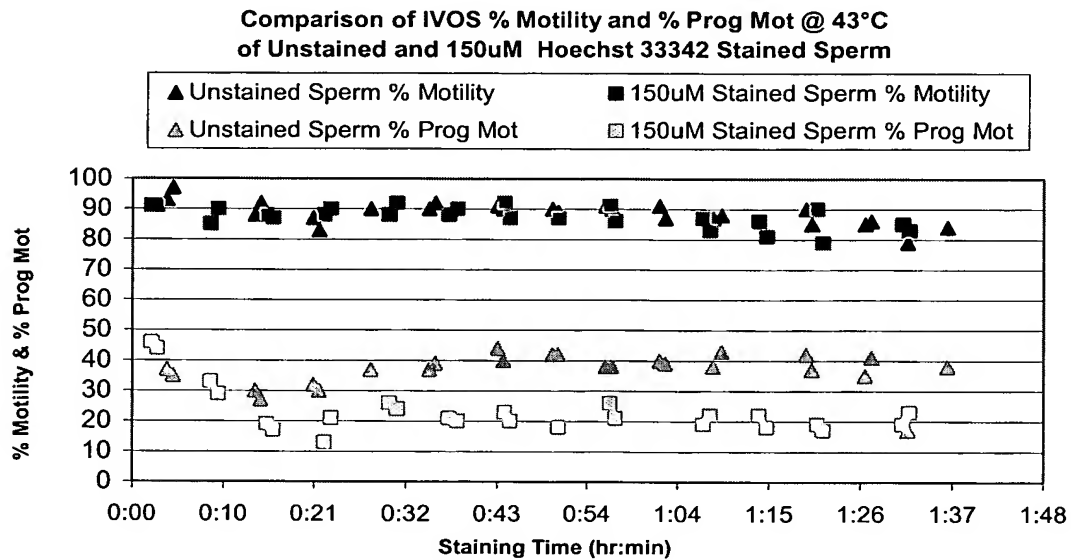


FIG. 14A

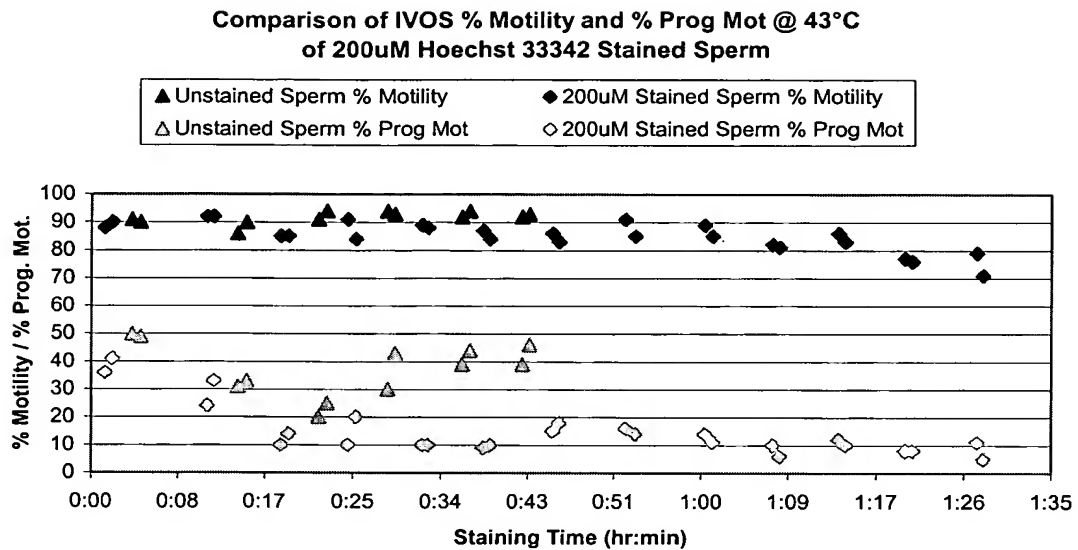


FIG. 14B

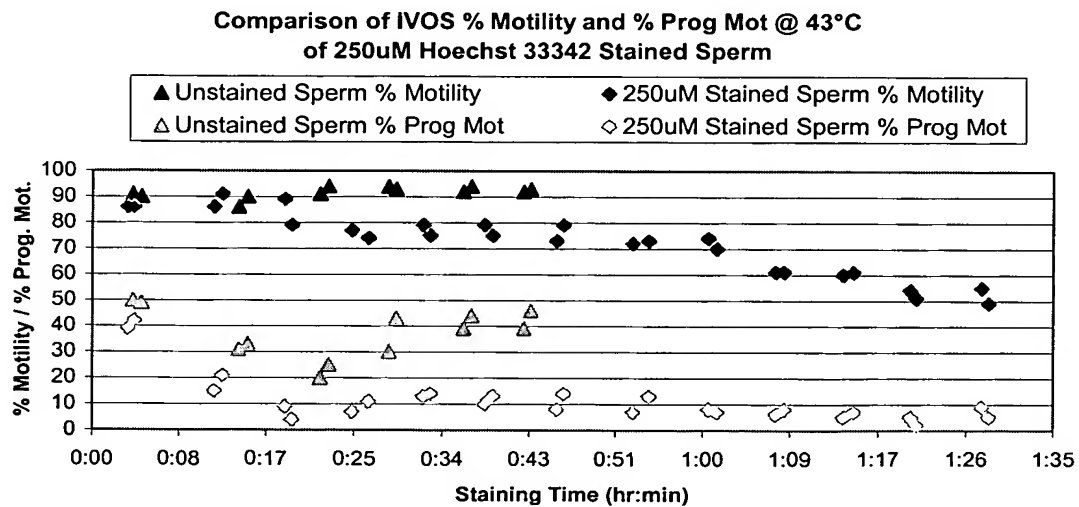


FIG. 15A

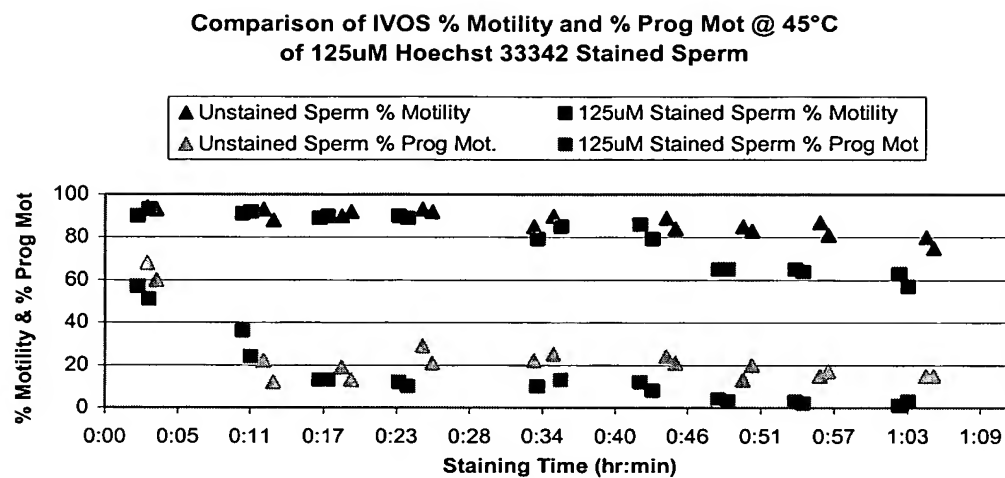


FIG. 15B

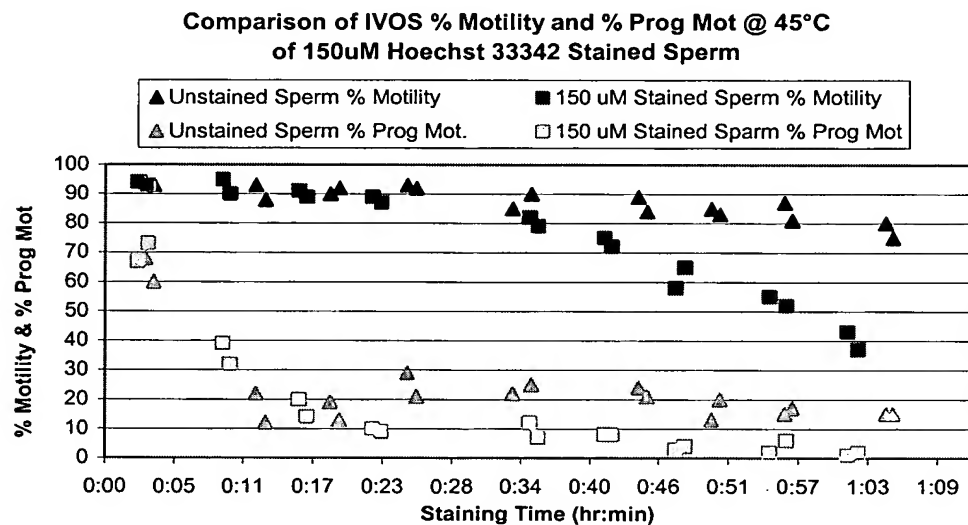


FIG. 16A

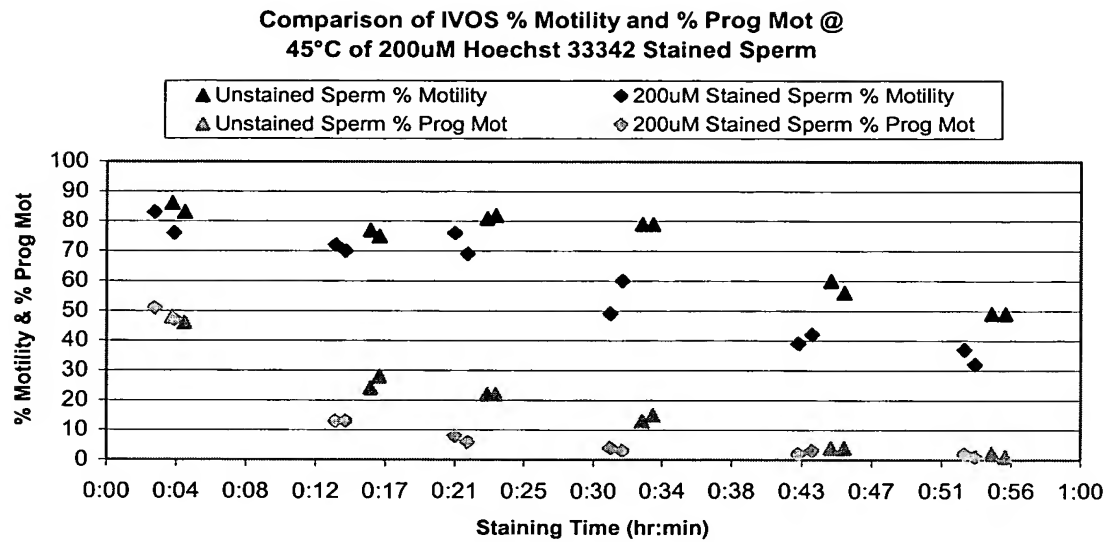


FIG. 16B

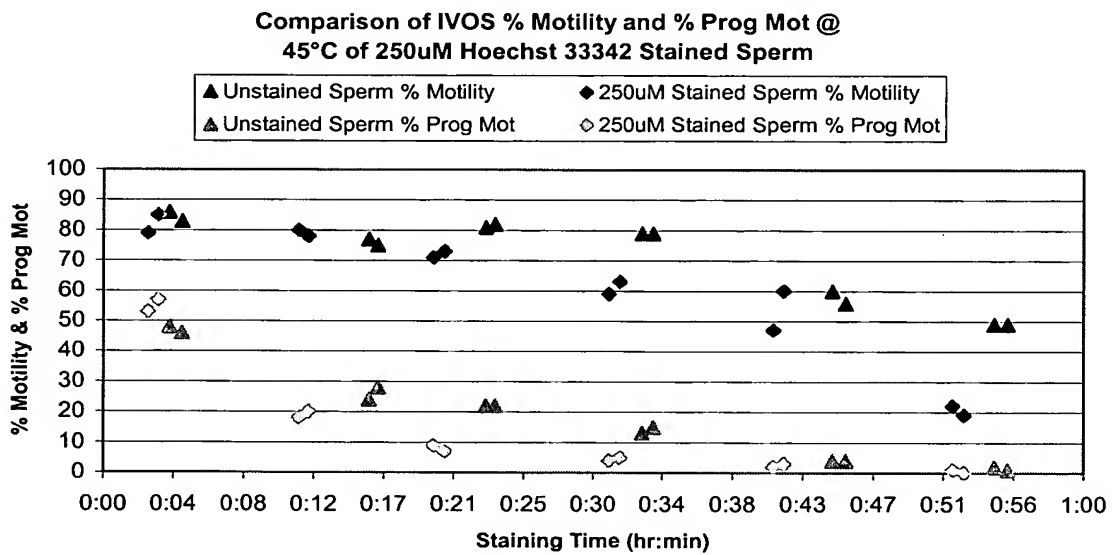


FIG. 16C

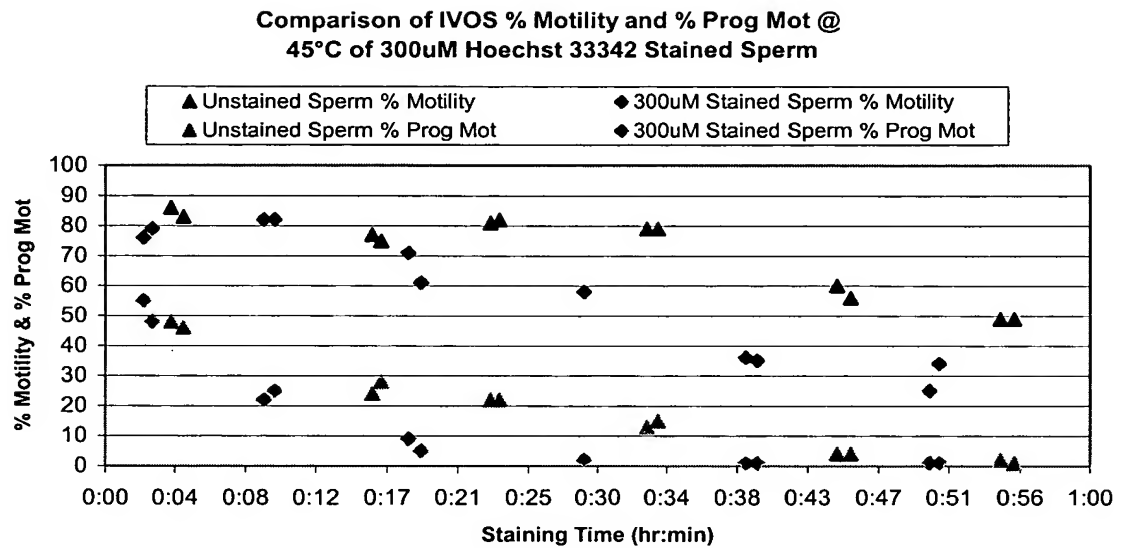


FIG. 17A

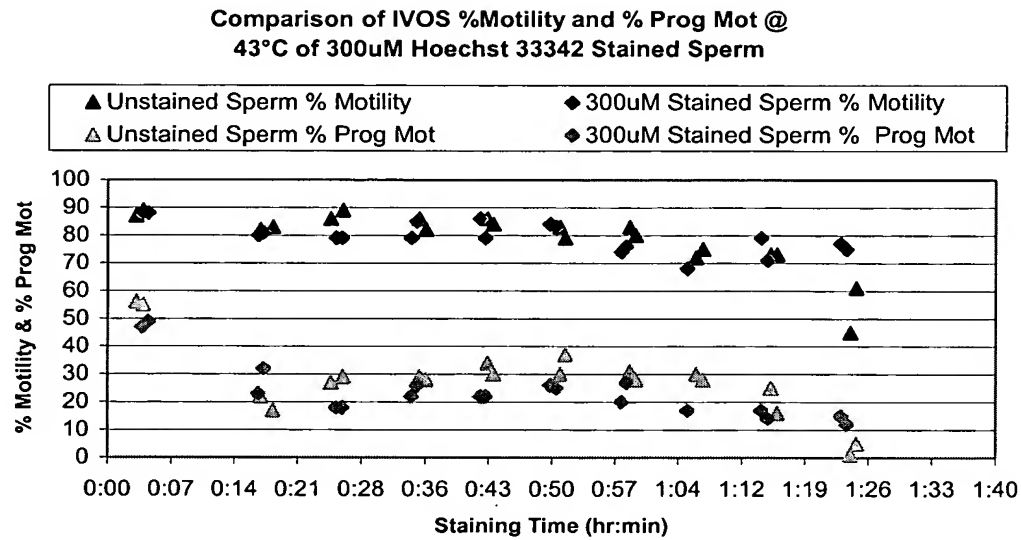


FIG. 17B

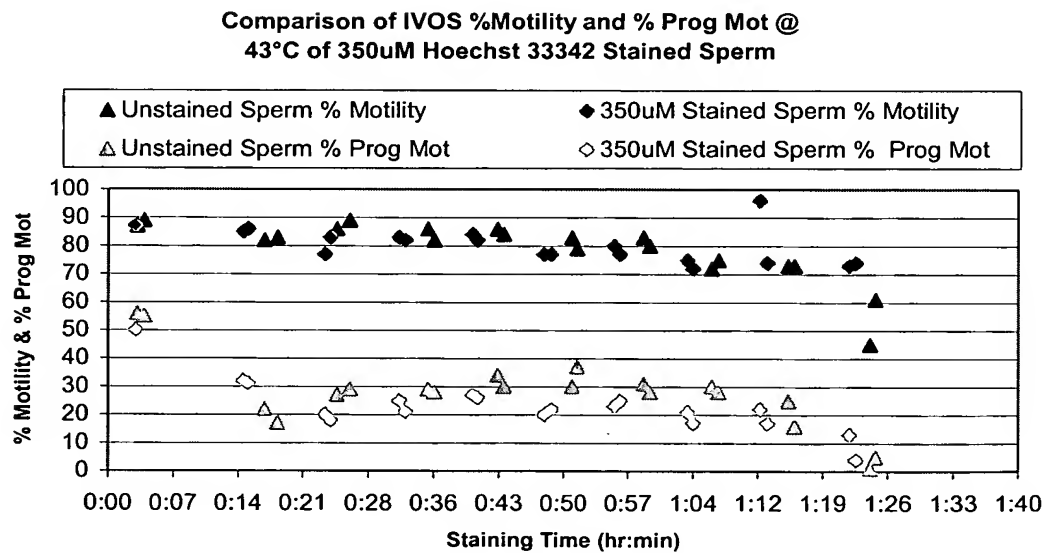


FIG. 17C

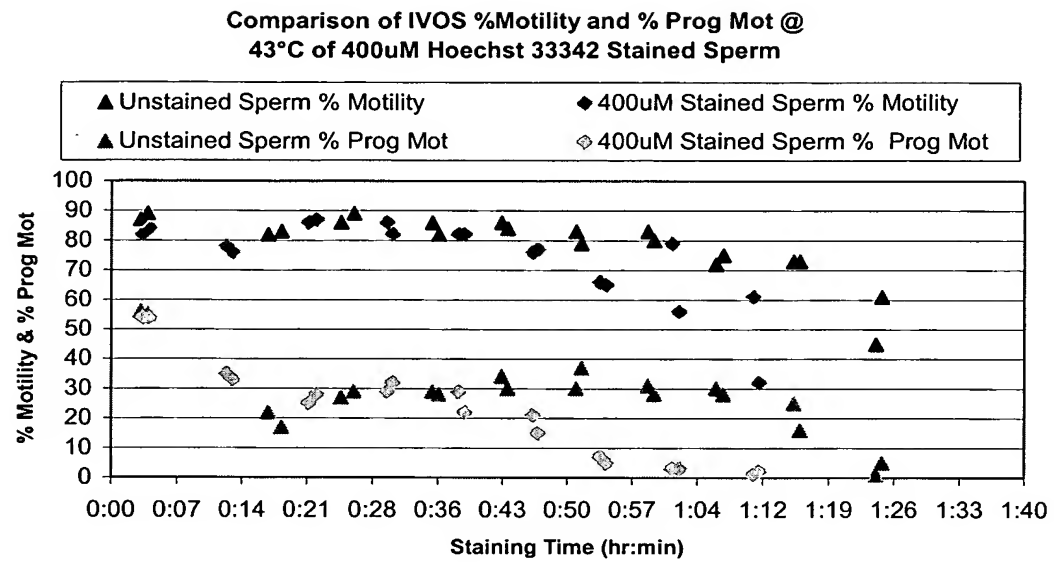


FIG. 18A

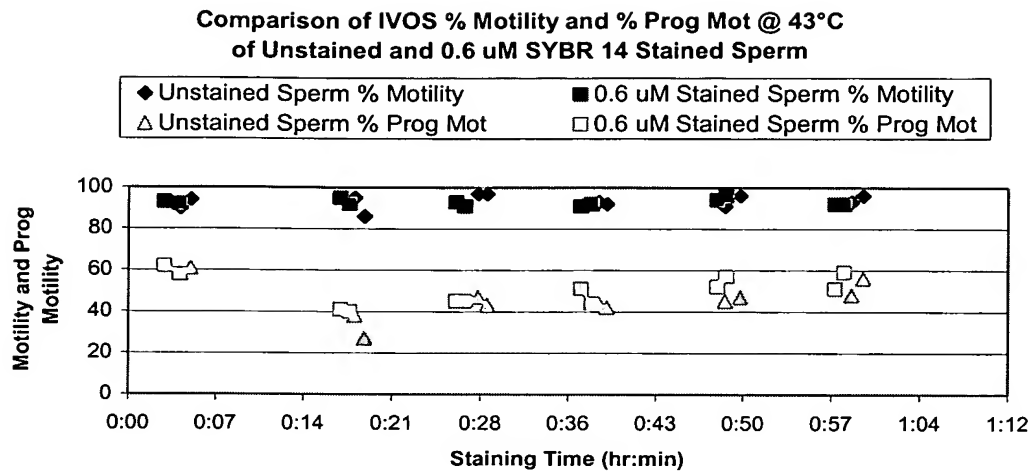


FIG. 18B

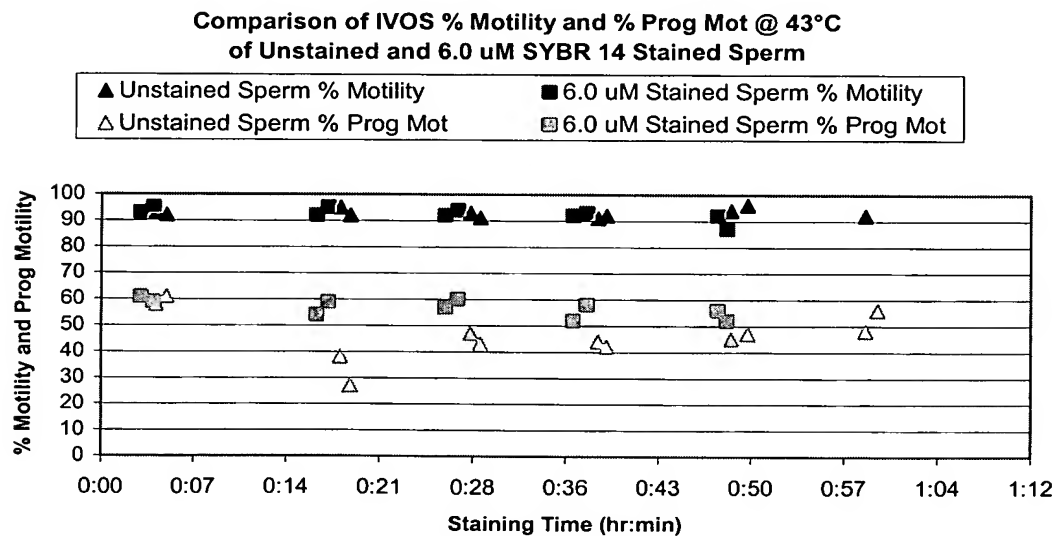




FIG. 18C

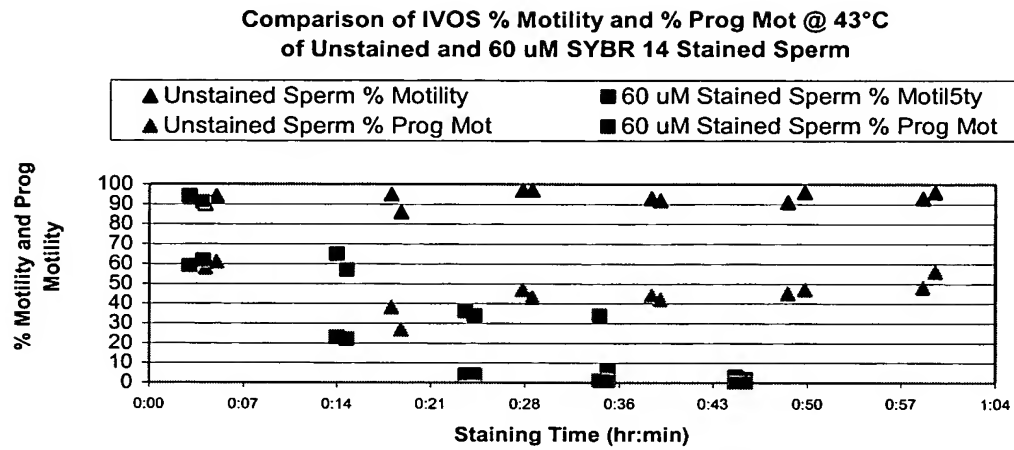


FIG. 19A

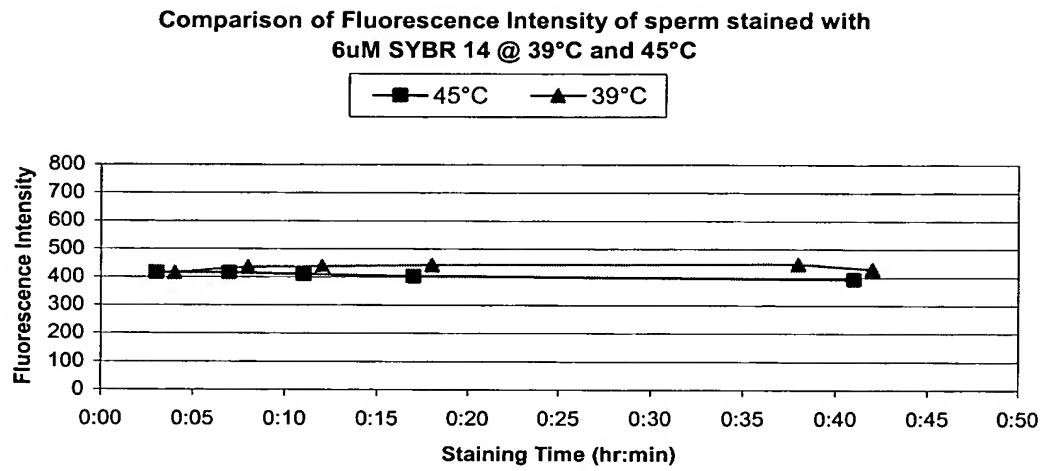


FIG. 19B

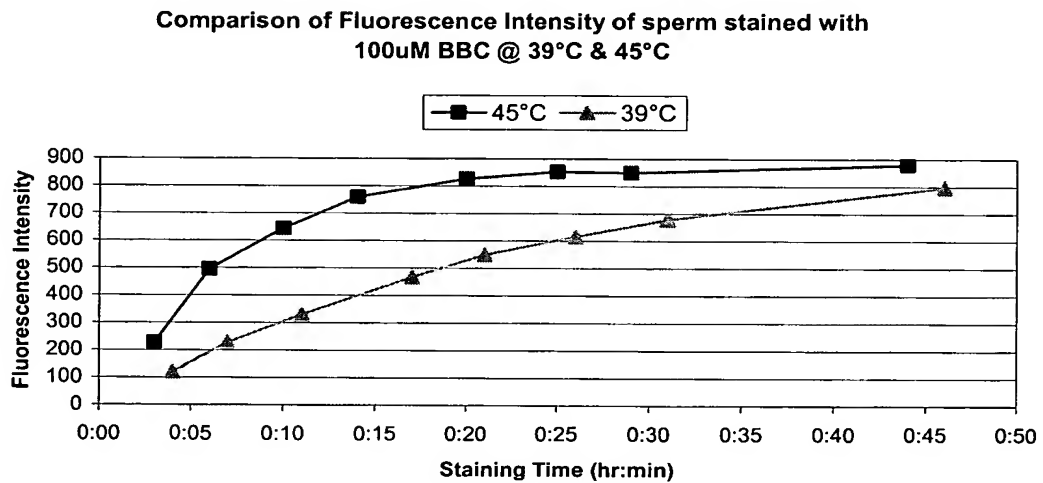


FIG. 20

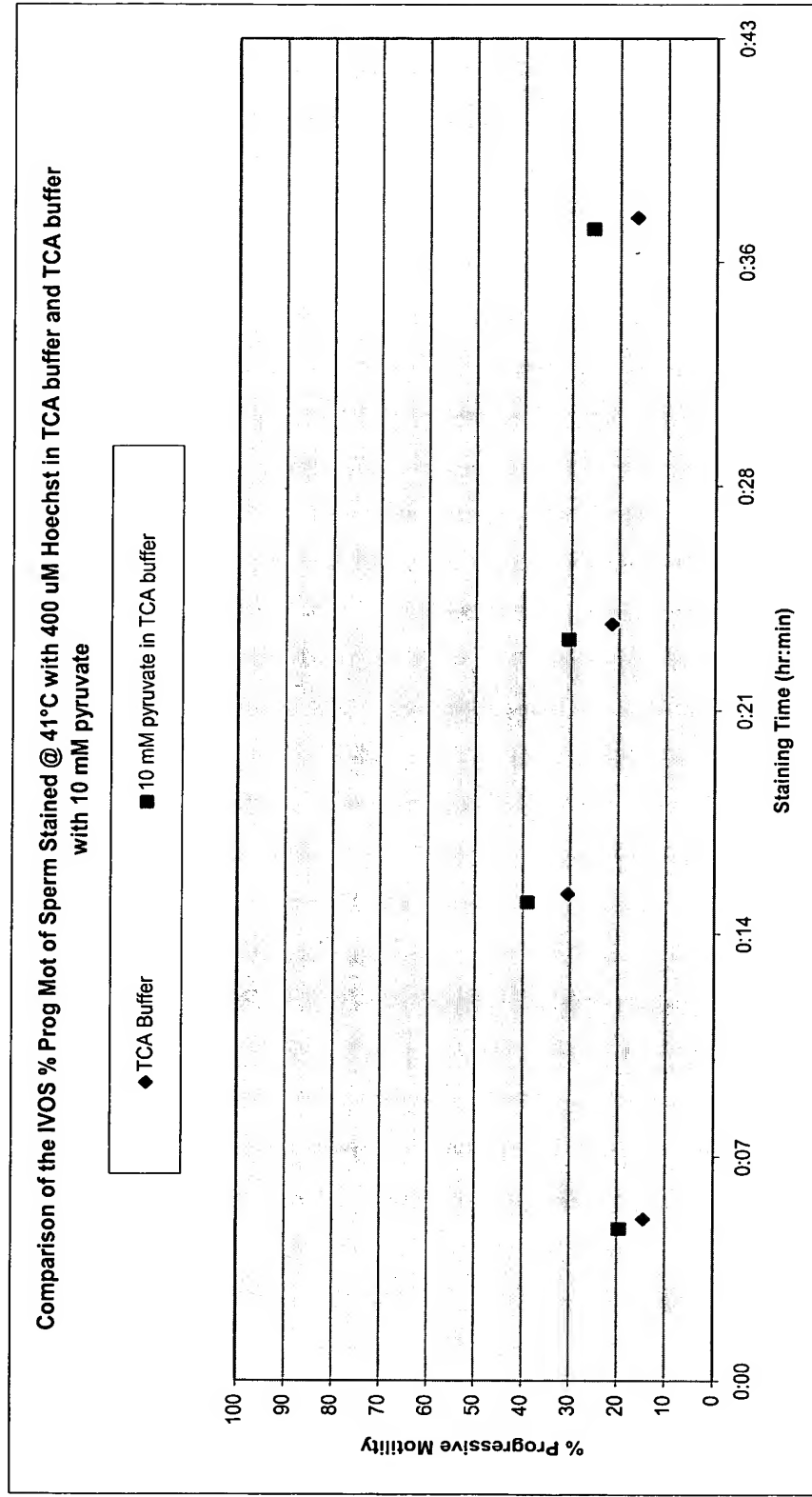


FIG. 21

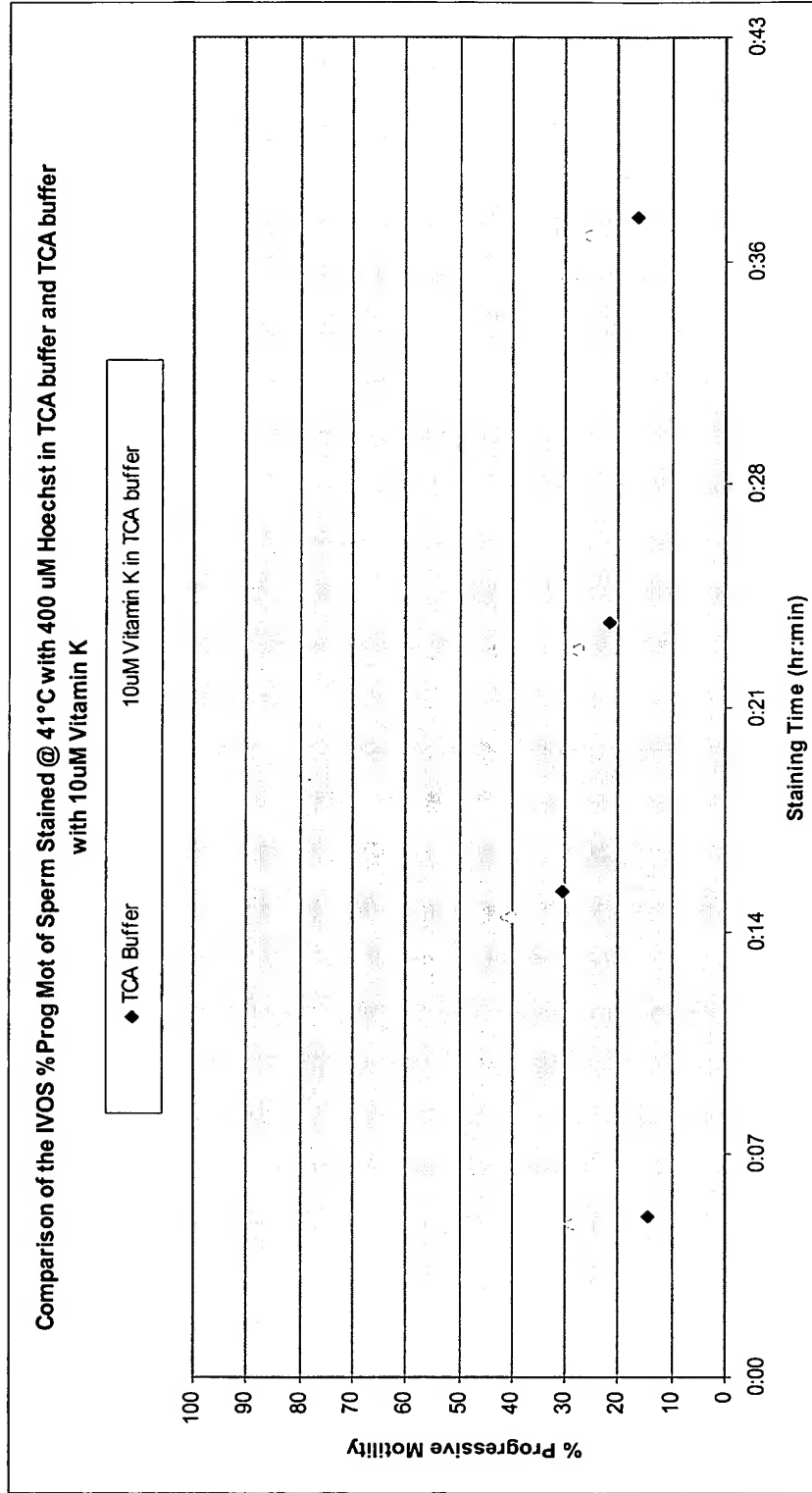


FIG. 22

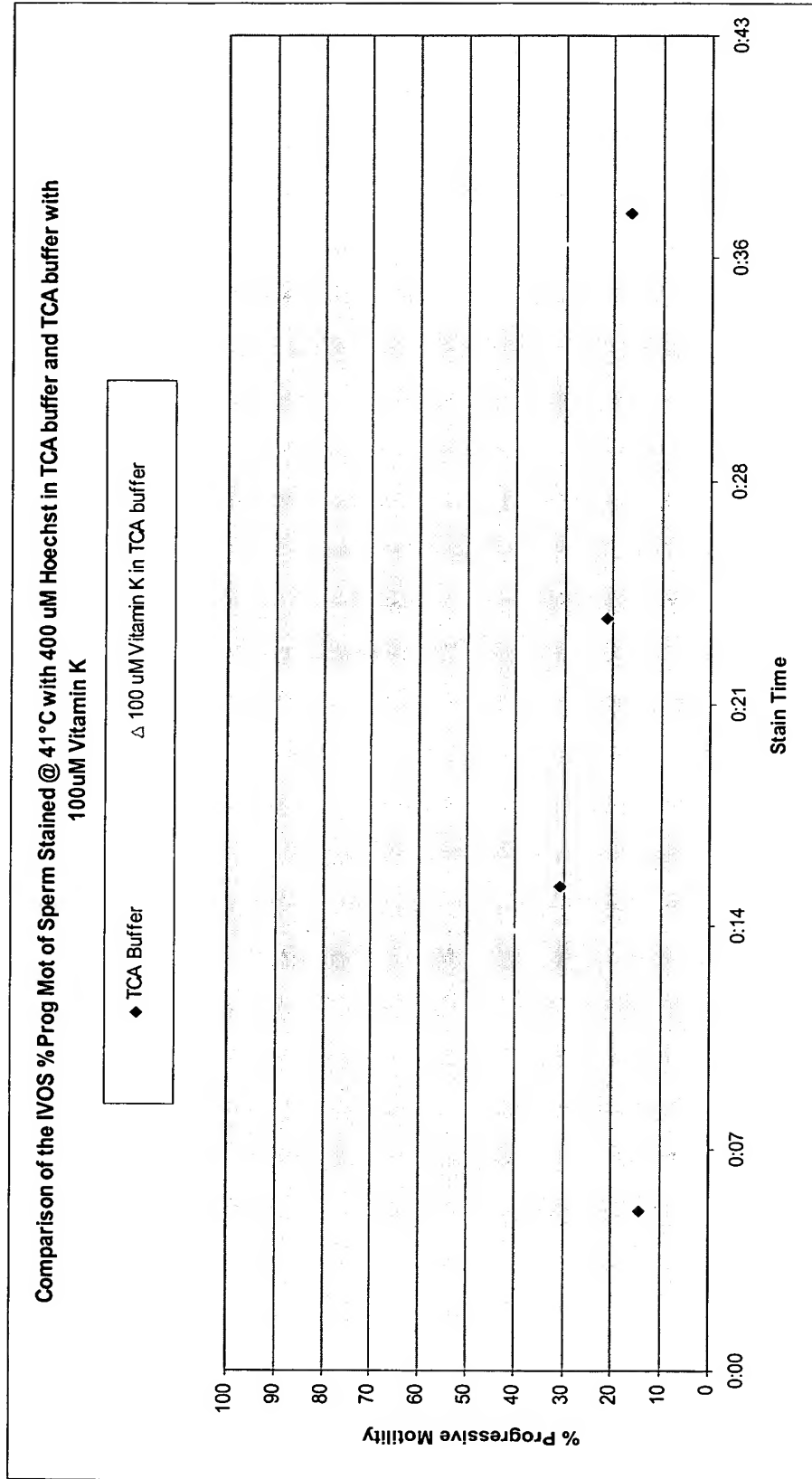


FIG. 23

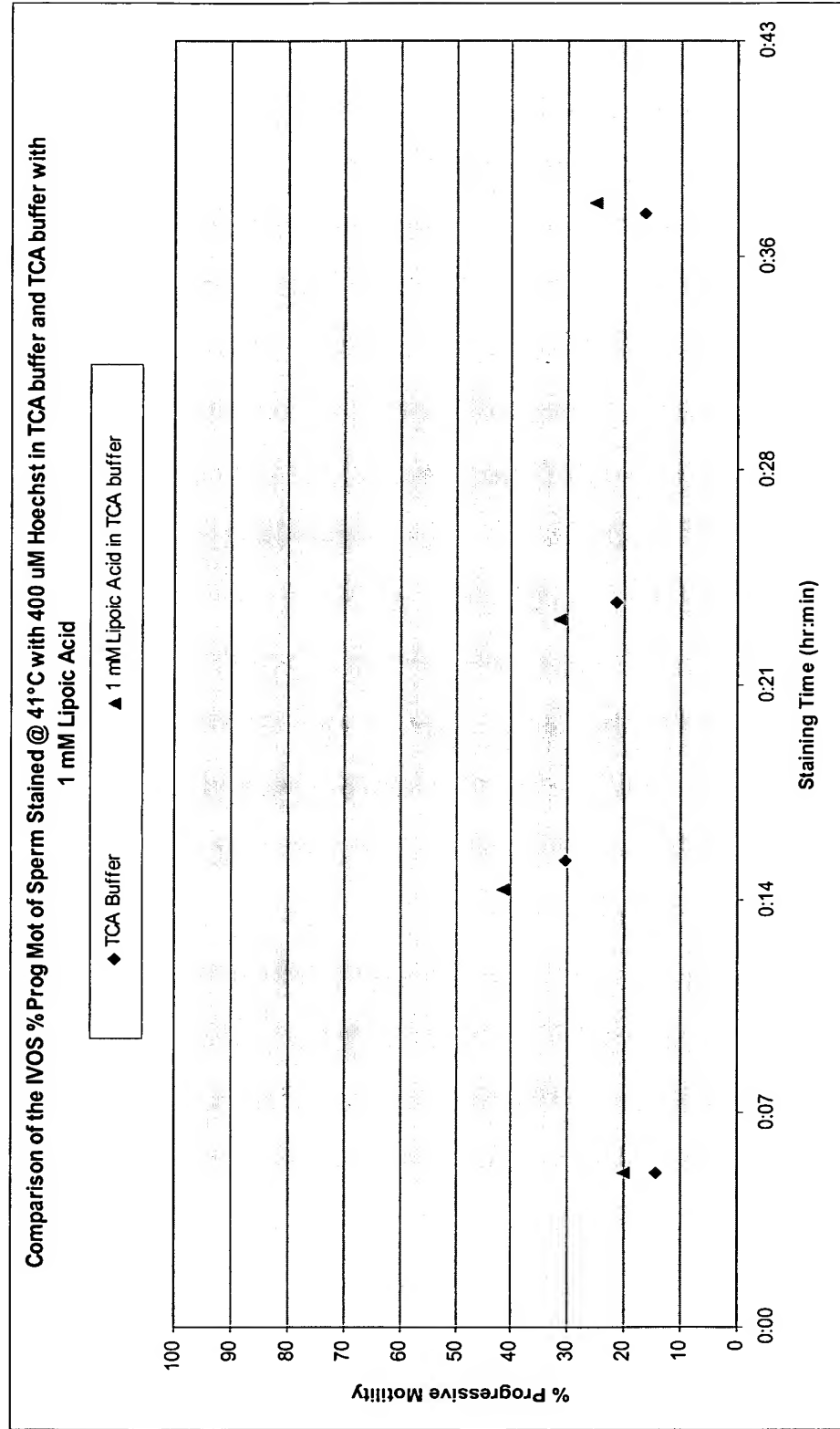


FIG. 24

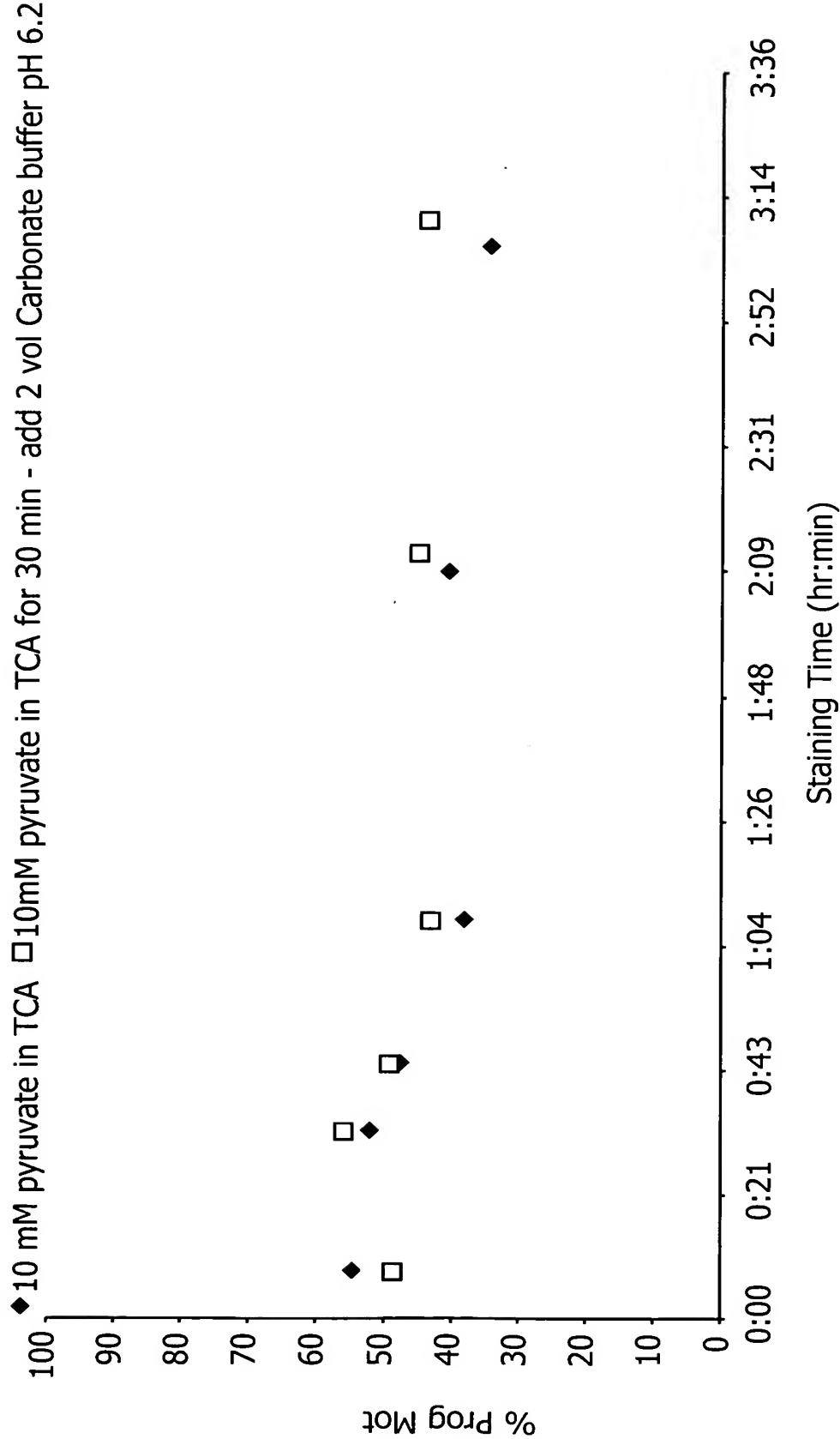


FIG. 25

◆ 10 mM pyruvate in TCA buffer    □ Carbonate buffer pH 7.3 for 30 min - add 2 vol Carbonate buffer pH 6.2

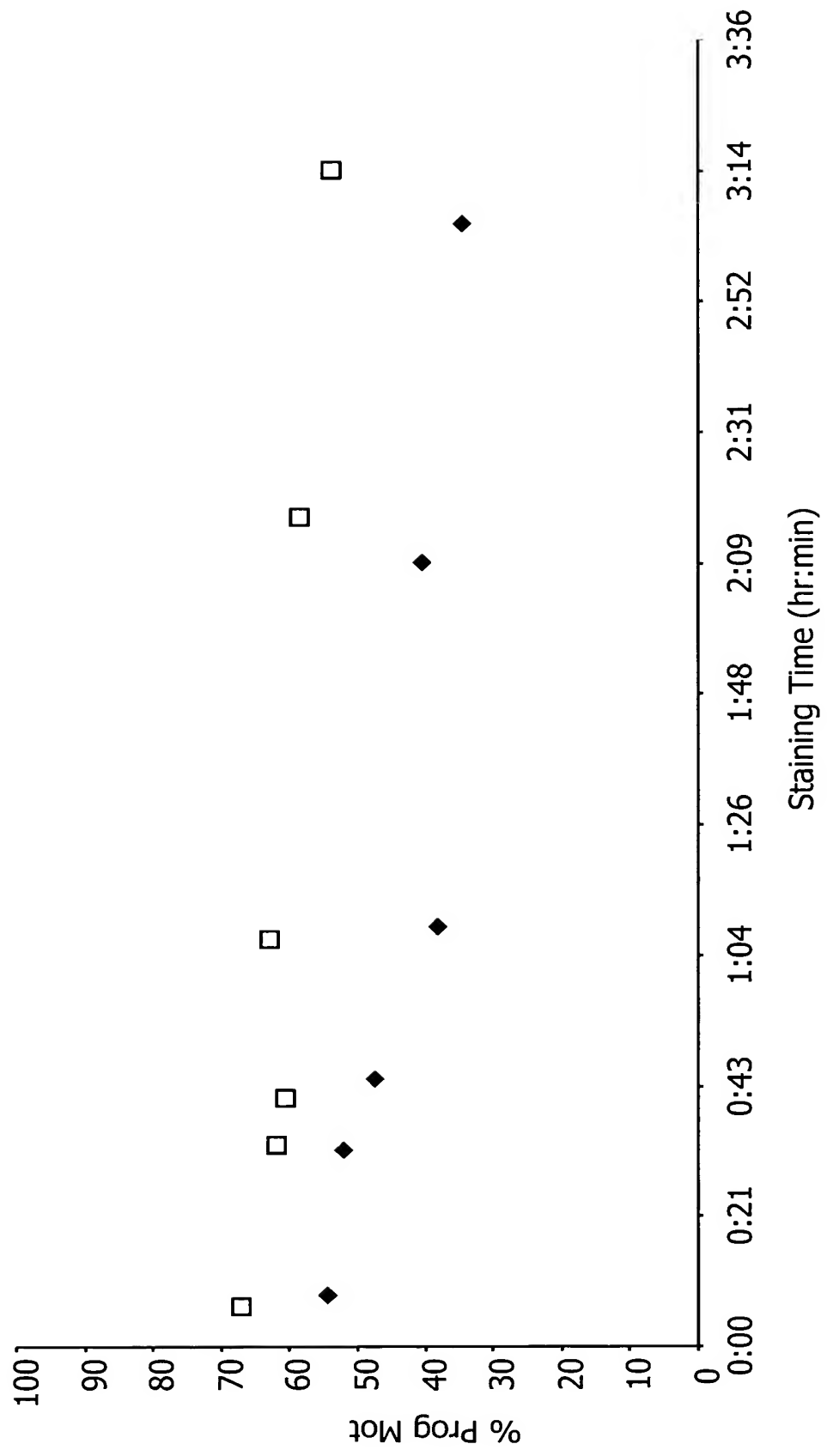




FIG. 26

